



## Sonimix 3060 High Purity Nitrogen Generator

### Description

The **sonimix 3060** is a nitrogen generator using the well-known Pressure Swing absorption (PAS) technology to produce continuous flow of high purity nitrogen.

It is the ideal device to aliment all PID or other devices needing high purity nitrogen.

If the CH<sub>4</sub> must be removed, a heated catalytic oven can be installed in the device. The software of the sonimix control the nitrogen generator and able to check all important functioning parameters as outlet pressure, oven temperature... The display and keyboard allow a simple and intuitive use of the instrument.

All the control parameters such as regeneration phases, low input pressure, temperature of the oven are **controlled and monitored by the included microprocessor**. The utilization of the **sonimix 3060** avoids the use of cumbersome and expensive gas cylinders.

#### Functioning principle:

The ambient air, cleaned of its dust, is pumped to 8 bars, goes through a cooler and a condenser with automatic drain system. The filtration of oxygen, humidity is made with the help of a self-regenerable System functioning on the pressure swing and reverse flow principle. When a part of the generator is filtering, the other part regenerates itself.

In option, a catalysis oven allows to eliminate the traces of hydrocarbons including CH<sub>4</sub>.

A fine dust filter and a pressure regulator terminate to condition the nitrogen and the air.



- Compact / small in size**
- No cylinders**
- Economical**
- Original Swiss Made**
- Includes Internal Compressor**

### Applications

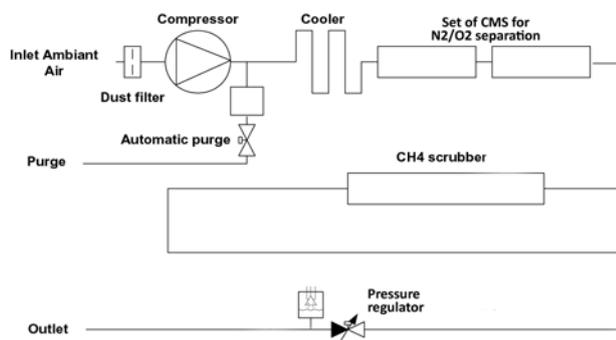


The high quality nitrogen produced by separation from air, can be used to aliment any PID or other analytical device, which need a continuous flow of nitrogen.

## Specifications

Outflow generated:	200Ncc/min
Outlet pressure:	adjustable between 0.5 and 4.5 bar rel.
User interface:	LED for ON/OFF, heating and alarm status + pressure regulator and pressure gauge
Remote command:	RS232
Power consumption:	max 150 Watt
Power requirements:	230V/50-60Hz – 115V/60Hz – 100V/50-60Hz
Dimensions [cm]:	19" 3HE/84 TE, 500mm deep /portable casing in option
Shipping Dim [cm]:	41 x 51 x 50 (WxDxH)
Net weight [Kg]:	15 to 30 Kg depending on model
Shipping weight [Kg]:	17 to 32 Kg depending on model

Fuidic scheme:



## Options – Accessories – Spare parts

### Models:

6800 09 000 Sx 3060, 200 Nml/min

### Options:

6800 08 017 Catalyser oven for CH4

6800 10 000 Portable casing

6700 13 867 Voltage 230V/50-60Hz

6700 13 868 Voltage 117V/50-60Hz

6700 13 869 Voltage 100V/50-60Hz

### Consumables:

3741 40 020 Dust pump filter  
 6700 13 872 Kit of diaphragm and valves for the compressor  
 3742 49 001 Filter for automatic purge V5



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